

Please type a plus sign (+) inside this box

05-11-01  
+

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

AD6588 US CNT

First Inventor

HIROSHI MORI ET AL.

Title

POLYACETAL RESINS WITH REDUCED FORMALDEHYDE  
ODOR

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No.

EK004594619US

5-10-2001

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 27]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C.113) [Total Sheets ]
5. Oath or Declaration [Total Pages ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 17 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(I). Applicant must attach form PTO/SB/35  
or its equivalent
17. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76.

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09/287,432

Prior application information: Examiner U RAJGURU

Group Art Unit: 1711

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

\*23906\*

23906

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

JOHN A. LANGWORTHY

Registration No. (Attorney/Agent)

32,255

Signature

Date

May 10, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the  
amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO  
NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

05/10/01  
15715 U.S. PTO

<h1 style="text-align: center;">FEE TRANSMITTAL</h1> <h2 style="text-align: center;">for FY 2001</h2> <p><i>Patent fees are subject to annual revision.</i></p>		<i>Complete if Known</i>		
		Application Number		
		Filing Date	MAY 10, 2001	
		First Named Inventor	HIROSHI MORI ET AL	
		Examiner Name	U. Rajguru	
		Group / Art Unit	1711	
TOTAL AMOUNT OF PAYMENT (\$)		1434	Attorney Docket No	AD6588 US CNT

<b>METHOD OF PAYMENT (check one)</b> 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account Number: <b>04-1928</b> Deposit Account Name: <b>E. I. du Pont de Nemours and Company</b> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 2. <input type="checkbox"/> Payment Enclosed <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other				<b>FEE CALCULATION (continued)</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) .....</td></tr> <tr><td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$)</td> </tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	130	123	130	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) .....						*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																		
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																	
139	130	139	130	Non-English specification																																																																																																																																																																																																	
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																	
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																	
116	390	216	195	Extension for reply within second month																																																																																																																																																																																																	
117	890	217	445	Extension for reply within third month																																																																																																																																																																																																	
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																																																																	
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																																																																	
119	310	219	155	Notice of Appeal																																																																																																																																																																																																	
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																	
121	270	221	135	Request for oral hearing																																																																																																																																																																																																	
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																	
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																	
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																																																																	
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																																	
143	440	243	220	Design issue fee																																																																																																																																																																																																	
144	600	244	300	Plant issue fee																																																																																																																																																																																																	
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																	
123	130	123	130	Petitions related to provisional applications																																																																																																																																																																																																	
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																	
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																	
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																																	
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																	
Other fee (specify) .....																																																																																																																																																																																																					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)																																																																																																																																																																																																	
<b>FEE CALCULATION</b> 1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>Utility filing fee</td><td>710</td></tr> <tr><td>106</td><td>320</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="3">SUBTOTAL (1)</td><td>(\$) 710</td></tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	101	710	Utility filing fee	710	106	320	Design filing fee		107	490	Plant filing fee		108	710	Reissue filing fee		114	150	Provisional filing fee		SUBTOTAL (1)			(\$) 710																																																																																																																																																																						
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																																																																		
101	710	Utility filing fee	710																																																																																																																																																																																																		
106	320	Design filing fee																																																																																																																																																																																																			
107	490	Plant filing fee																																																																																																																																																																																																			
108	710	Reissue filing fee																																																																																																																																																																																																			
114	150	Provisional filing fee																																																																																																																																																																																																			
SUBTOTAL (1)			(\$) 710																																																																																																																																																																																																		
2. EXTRA CLAIM FEES <table border="1"> <tr> <td>Total Claims</td> <td>38</td> <td>-20</td> <td>=</td> <td>18</td> <td>X</td> <td>Fee from below</td> <td>18</td> <td>=</td> <td>Fee Paid</td> <td>324</td> </tr> <tr> <td>Independent Claims</td> <td>8</td> <td>-3</td> <td>=</td> <td>5</td> <td>X</td> <td>80</td> <td>=</td> <td>400</td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>270</td> <td>=</td> <td>0</td> <td></td> <td></td> </tr> </table>				Total Claims	38	-20	=	18	X	Fee from below	18	=	Fee Paid	324	Independent Claims	8	-3	=	5	X	80	=	400			Multiple Dependent					X	270	=	0																																																																																																																																																																			
Total Claims	38	-20	=	18	X	Fee from below	18	=	Fee Paid	324																																																																																																																																																																																											
Independent Claims	8	-3	=	5	X	80	=	400																																																																																																																																																																																													
Multiple Dependent					X	270	=	0																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>Claims in excess of 20</td><td>9</td></tr> <tr><td>102</td><td>80</td><td>Independent claims in excess of 3</td><td>40</td></tr> <tr><td>104</td><td>270</td><td>Multiple dependent claim, if not paid</td><td>135</td></tr> <tr><td>109</td><td>80</td><td>** Reissue independent claims over original patent</td><td>40</td></tr> <tr><td>110</td><td>18</td><td>** Reissue claims in excess of 20 and over original patent</td><td>9</td></tr> <tr><td colspan="3">SUBTOTAL (2)</td><td>(\$) 724</td></tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	103	18	Claims in excess of 20	9	102	80	Independent claims in excess of 3	40	104	270	Multiple dependent claim, if not paid	135	109	80	** Reissue independent claims over original patent	40	110	18	** Reissue claims in excess of 20 and over original patent	9	SUBTOTAL (2)			(\$) 724																																																																																																																																																																						
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																																																																		
103	18	Claims in excess of 20	9																																																																																																																																																																																																		
102	80	Independent claims in excess of 3	40																																																																																																																																																																																																		
104	270	Multiple dependent claim, if not paid	135																																																																																																																																																																																																		
109	80	** Reissue independent claims over original patent	40																																																																																																																																																																																																		
110	18	** Reissue claims in excess of 20 and over original patent	9																																																																																																																																																																																																		
SUBTOTAL (2)			(\$) 724																																																																																																																																																																																																		

\*\*or number previously paid, if greater, For Reissues, see above

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	JOHN A. LANGWORTHY	Registration No. Attorney/Agent	32 255	Telephone	302-992-4362
Signature				Date	May 10, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.